



September 12, 2015

(b) (6)

Location Code: GKMTW379

(b) (6), (b)

Durango, CO

Re: Groundwater Well Sampling Results

Dear (b) (6):

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water sample(s) collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Deb McKean at (303) 579-4371.

Enclosure

CC:

Colorado Department of Public Health and Environment

San Juan Basin Health Department

San Juan County Public Health

Analyte	Station ID				GKMTW379
	Sample ID				GKMTW379_082615
	Sample Date				8/26/2015
	Sample Time				09:20
	Latitude				(b) (6), (b) (9)
	Longitude				
	CAS No	Units	Colorado Water Standard	Ground Water MCL	
<b>Metals, Total</b>					
Aluminum	7429-90-5	ug/L	5000		24 U
Antimony	7440-36-0	ug/L	6	6	0.4 U
Arsenic	7440-38-2	ug/L	10	10	0.46
Barium	7440-39-3	ug/L	2000	2000	17
Beryllium	7440-41-7	ug/L	4	4	0.15 U
Cadmium	7440-43-9	ug/L	5	5	0.043 U
Calcium	7440-70-2	ug/L			170000
Chromium	7440-47-3	ug/L		100	1
Cobalt	7440-48-4	ug/L	50		0.29
Copper	7440-50-8	ug/L	200	1300	27
Iron	7439-89-6	ug/L	300	300	68
Lead	7439-92-1	ug/L	50	15	0.47
Magnesium	7439-95-4	ug/L			39000
Manganese	7439-96-5	ug/L	50	50	1.7
Mercury	7439-97-6	ug/L		2	0.08 U
Molybdenum	7439-98-7	ug/L			1.7
Nickel	7440-02-0	ug/L	100		3.7
Potassium	7440-09-7	ug/L			2500
Selenium	7782-49-2	ug/L	20	50	0.92
Silver	7440-22-4	ug/L	50	100	0.1 U
Sodium	7440-23-5	ug/L			14000
Thallium	7440-28-0	ug/L	2	2	0.1 U
Vanadium	7440-62-2	ug/L	100		0.98
Zinc	7440-66-6	ug/L	2000	5000	34

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/l.

ug/l - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value